Research of Ramen restaurants in Tokyo

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1. Data Description

I used the following data source.

1) Wikipedia "Special wards of Tokyo"

   https://en.wikipedia.org/wiki/Special_wards_of_Tokyo

   I got each sward information from the table in Wikipedia scraping with BeautifulSoup.

2) Geocoder

   I got Latitude and Longitude of each special ward using Geocoder.

3) Forsquare API

   https://developer.foursquare.com/docs/api-reference/venues/explore/

   I got Ramen restaurants in each sward using Forsquare API. Actually I had wanted to use popularity data of each restaurant such as rating and number of likes, however "Get Details of a Venue" API is Premium endpoint which only 50 calls per day is acceptable in my free account. Thus, I gave up to use popularity data, and used only location data in this research.

4) folium

   I used folium to show maps with location data.